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PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 1035-2
25-30 SEPTEMBER 1966

TCS-80938/66
OCTOBER 1966
COPY 196
33 PAGES

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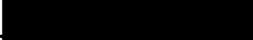
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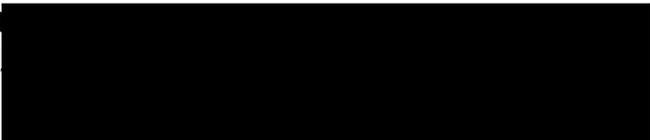
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MISSION 1035-2, 25-30 SEPTEMBER 66

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OAK MISSION 1035-2

PREFACE

THIS IS THE FIRST AND ONLY OAK REPORT ON MISSION 1035-2 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. THE X AND Y PHOTOGRAPHIC COORDINATES DERIVED FROM KH-4 MISSIONS ARE RECORDED ONLY ON NEWLY IDENTIFIED TARGETS. ONLY THE X COORDINATE IS RECORDED FOR OTHER TARGETS. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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HIGHLIGHTS

1. MISSILE ACTIVITY

SIX OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE COVERED BY PHOTOGRAPHY. ITATKA, SHADRINSK, AND TYUMEN ARE COVERED BY CLEAR PHOTOGRAPHY. GLADKAYA, IMENI GASTELLO, AND KOZELSK ARE OBSERVED THROUGH HEAVY CLOUDS. ONE TYPE IIIC ICBM LAUNCH SITE IS NEWLY IDENTIFIED AT IMENI GASTELLO. THIS SITE CAN BE NEGATED ON [REDACTED] AND IS FIRST SEEN 10 DAYS LATER ON THIS MISSION.

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THE CURRENT COUNT OF ICBM LAUNCHERS AT DEPLOYED COMPLEXES (THE FIGURE SHOWN IN PARENTHESIS INDICATES THE NUMBER OF POSSIBLE LAUNCHERS AND IS NOT INCLUDED IN TOTALS) IS AS FOLLOWS --

TYPE IIIC	129 (2)
TYPE IIID	342 (28)
SUBTOTAL	471 (30)
OTHER LAUNCHERS	228
TOTAL	699 (30)

A PORTION OF THE TYURATAM MISSILE TEST CENTER, USSR, IS COVERED ON ONE PASS OF CLEAR STEREO PHOTOGRAPHY. GENERALLY, THE FACILITIES BETWEEN LAUNCH COMPLEX A, THE MAIN SUPPORT BASE, AND THE WESTERN END OF THE CENTER ARE COVERED. HOWEVER, ALL OF COMPLEX A, LAUNCH AREA J1-J2, AND THE LARGE INTERFEROMETER ARE IDENTIFIED ONLY.

THE SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA, IS NOT COVERED AND ONLY THE NORTHWEST PORTION OF THE SAM COMPLEX AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE CENTER, USSR, IS OBSERVED THROUGH SCATTERED CLOUD COVER.

ONLY PORTIONS OF THE MOSCOW ABM SEARCH AREA AND THREE PROBABLE LONG RANGE SAM LAUNCH COMPLEXES (KALININ, KIMRY, AND MOZHAYSK) ARE OBSERVED THROUGH SCATTERED-TO-HEAVY CLOUD COVER. ALL OTHER COMPLEXES ARE EITHER CLOUD COVERED OR NOT COVERED.

A PORTION OF NORTH VIETNAM IS COVERED BY ONE PASS OF PHOTOGRAPHY WHICH IS APPROXIMATELY 50 PERCENT CLOUD COVERED. OF THE 132 KNOWN SA-2 SAM SITES, NONE ARE OBSERVED. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

2. AIR ACTIVITY

FOUR OF THE USSR LONG RANGE AIR ARMY AIRFIELDS ARE COVERED AND 5 HEAVY SWEEP-WING AND 1 MEDIUM SWEEP-WING ARE OBSERVED AT

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RYAZAN/DYAGILEVO, 16 HEAVY SWEPT-WING AND 1 MEDIUM SWEPT-WING ARE SEEN AT MOZDOK, 12 BADGER, 1 CAT/CUB, AND 31 SMALL SWEPT-WING ARE SEEN AT SPASSK-DALNIY EAST, AND 38 BADGER AND 3 POSSIBLE BADGER ARE SEEN AT KALININ. (DETAILS OF KALININ ARE NOT REPORTED IN THIS OAK).

TWO OF THE SOVIET NAVAL AIRFORCE AIRFIELDS ARE COVERED AND 25 BLINDER, 5 BADGER, AND 1 PROBABLE BADGER ARE SEEN AT KALININGRAD/PROVEREN WHILE 12 BADGER AND 1 LIGHT STRAIGHT-WING ARE OBSERVED AT ROMANOVKA WEST.

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STATUS OF TARGET READOUT

THIS OAK REPORTS ON 62 COMOR TARGETS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- TYURATAM MISSILE TEST CENTER
- TABLE 3 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 4 -- SAM AND ABM DEPLOYMENT
- TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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TABLE I. SOVIET ICBM DEPLOYMENT

COMPLEX	TYPE I	TYPE II	TYPE III	TYPE IIIC		TYPE IIID		New Positions this Mission		Total Launch Positions	Launch Groups Identified To Date	
	A&B	A-D	A&B	Sites	Complete	Sites	Complete	IIC	IID		IIC	IID
	Sites Launchers	Sites Launchers	Sites Launchers	Sites Launchers	Complete	Sites Launchers	Complete					
ALEYSK				17	4					17	3	
DOMBAROVSKIY				24(1#)	6					24(1#)	4	
DROVYANAYA		3 6	3 9			46	19			61		5
☆ GLADKAYA		2 4	1 3			42(1#)	3			49(1#)		5
☆ IMENI GASTELLO				23	6			1		23	4	
☆ ITATKA		3 6								6		
KARTALY				22	6					22	4	
KOSTROMA		6 12	1 3			5(2#)				20(2#)		2
☆ KOZELSK		3 6	2 6			19 (4#)				31(4#)		2
NOVOSIBIRSK		3 6	2 6							12		
OLOVYANNAYA			3 9			75	16			84		8
OMSK			1 3							3		
PERM		5 10	1 3			36 (10#)				49 (10#)		4
PLESETSK*	5 8	4 8	1 3							19		
☆ SHADRINSK			3 9							9		
SVOBODNYI		7 14	1 3			25				42		3
TATISHCHEVO						85(10#)	18			85(10#)		10
TEYKOVO		6 12								12		
☆ TYUMEN		2 4								4		
UZHUR				22(1#)	7					22(1#)	4	
VERKHNYAYA SALDA		7 14	2 6							20		
YEDROVO		6 12	2 6			9(1#)				27(1#)		2
YOSHKAR-OLA		6 12								12		
YURYA		8 16	3 9							25		
ZHANGIZ-TOBE				21	6					21	4	
TOTALS	5 8	71 142	26 78	129 (2#)	35	342 (28#)	56	1		699 (30#)	23	41

* DOES NOT INCLUDE 2 SSM POSITIONS AT SITE 13 nor 12 POSSIBLE SILOS OF UNIDENTIFIED TYPE.

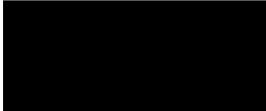
☆ COVERED THIS MISSION

(#) POSSIBLE. THE POSSIBLE SITES ARE NOT INCLUDED IN THE TOTAL COUNT.

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TABLE 2. TYURATAM MISSILE TEST CENTER

Launcher Designation	Totals																									
	Soft										Hard															
	A1	A2	A3	B1	B2	C1	C2	C3	D1	D2	E1	E2	E3	F	G1	G2	G3	G4	G5	G6	U/C	Comp	U/C	Comp		
U/C																										
Comp	1	1	1	1	1	1	1	1			(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		17				
U/C																										
Comp									3	3			(3)											9		
Launcher Designation	H1	H2	I1	I2	I3	I4	I5	I6	J1	J2	K1	K2	K3	L1	L2	L3	L4	L5	L6	L7						
U/C									(1M)																	
Comp	1	1																				2				
U/C								1E					(1L)													
Comp			1			1	1				(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)				11		
Launcher Designation	L8	L9	L10	M1	M2	M3	N1	N2	N3																	
U/C																										
Comp																										
U/C																										
Comp	(1)	(1)	(1)																					6		
Launcher Designation																										
New Sites																										
Hard																										
<div style="display: flex; justify-content: space-between;"> E - Early stage M - Mid-stage L - Late stage </div>																						Total	2	19	8	26
<div style="display: flex; justify-content: space-between;"> ○ Covered on this mission by Interpretable Photography Grand Total . . . 55 Launchers </div>																										



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Table 3. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	118	9	18	10	155	608
Caucasus	3		2	3	8	29
Central Asia	2	2	1	3	8	29
Far Eastern	9	1		1	11	43
Totals	132	12	21	17	182	709

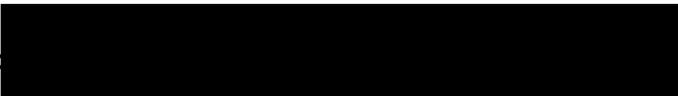
Totals do not include 100 fixed field-type sites with total of 374 launch positions and one launch facility at Sovetskaya Gavan

Table 4. SAM and ABM Deployment

	Country																Totals***				
	USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	Mongolia	North Korea	Indonesia	Egypt	Cuba	India	North Vietnam			Afghanistan		
SAM sites	SA-1	56																56	Confirmed		
		1																	1	Probable	
		1025*	2	19	24		16	32	18	5	18	1	5	5	32	25**	14	128	1	1424	Confirmed
	SA-2	2			1						1							3		8	Probable
		1									1							1		3	Possible
	31									3			1	3	2	1			42	Training***	
	109																		109	Confirmed	
																					Probable
								1											1		Possible
	13																		13		Training***
SA-2 SAM Support Facilities	200	1	4	6		4	6	2	1			1	1	5	6	3	2		246	Confirmed	
	2		2																5		Probable
	1																		1		Possible
SA-3 SAM Assembly Facilities	12																		12		Confirmed
	1																		1		Probable
																					Possible
±Long Range SAM	18																		18		Confirmed
	1																		1		Probable
																					Possible
	1																		1		Training
±± ABM Complexes	2																		2		Confirmed
	5																		5		Probable
																					Possible

*Does not include alternate sites, USSR
 **Does not include 30 abandoned sites
 ***Total reflects individual sites

± Complexes are probably long range SAM associated
 ±± Complexes are probably ABM associated



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Missiles

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MISSILES

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

THE WESTERN 50 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. THE TEST CENTER IS PARTIALLY COVERED ON GENERALLY CLEAR, STEREO PHOTOGRAPHY OF FAIR INTERPRETABILITY. THE LAUNCH COMPLEXES LOCATED BETWEEN COMPLEX A AND THE WESTERN END OF THE RANGE AND THE MAIN SUPPORT BASE ARE COVERED. HOWEVER, ALL OF COMPLEX A, LAUNCH AREA J1-J2, AND THE LARGE INTERFEROMETER ARE IDENTIFIED ONLY. NO NEW MISSILE FACILITIES ARE OBSERVED.

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ITATKA ICBM COMPLEX

UR 5650N 08535E

NINETY-FIVE PERCENT OF THE 50-NM SEARCH AREA, INCLUDING THE LAUNCH COMPLEX, IS COVERED ON ONE PASS OF PHOTOGRAPHY. ALL 3 LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITY ARE OBSERVED. NO NEW MISSILE ACTIVITY IS OBSERVED.

25X1D



SHADRINSK ICBM COMPLEX

UR 5608N 06340E

THE ENTIRE SEARCH AREA IS COVERED ON ONE PASS OF PHOTOGRAPHY. THE SEARCH FOR NEW INSTALLATIONS IS HAMPERED BY COMPLETE CLOUD COVER IN THE WESTERN 50 PERCENT AND SCATTERED CLOUD COVER IN THE EASTERN 50 PERCENT. ALL 3 OF THE KNOWN LAUNCH SITES AND THE COMPLEX SUPPORT FACILITY ARE COVERED ON POOR PHOTOGRAPHY. THE RAIL-TO-ROAD TRANSFER POINT IS CLOUD COVERED. NO NEW MISSILE-RELATED ACTIVITY IS OBSERVED IN THE CLOUD-FREE AREAS.

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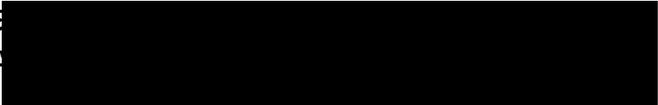
TYUMEN ICBM COMPLEX

UR 5652N 06551E

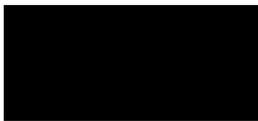
THE ENTIRE 50-NM SEARCH AREA IS COVERED ON 2 PASSES OF PHOTOGRAPHY. THE WESTERN HALF IS COVERED BY CLEAR PHOTOGRAPHY OF FAIR INTERPRETABILITY AND THE EASTERN HALF IS COVERED ON PHOTOGRAPHY OF POOR INTERPRETABILITY

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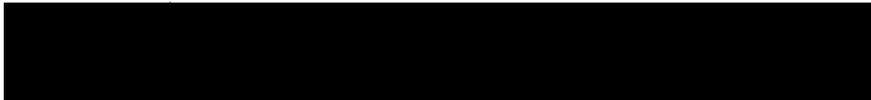
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WITH SCATTERED CLOUD COVER. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE AREAS.

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YEDROVO ICBM COMPLEX

UR 5751N 03340E

THE EASTERN 25 PERCENT OF THE 50-NM SEARCH AREA IS PARTIALLY VISIBLE THROUGH HEAVY CLOUD COVER. THE COMPLEX IS NOT COVERED. NO NEW MISSILE FACILITIES ARE OBSERVED.

25X1D



GLADKAYA ICBM COMPLEX

UR 5606N 09214E

THE NW 80 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER. ONLY 2 TYPE IIID SITES (26 AND 27) ARE OBSERVED AND THEY CAN BE IDENTIFIED ONLY. NO NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE PORTIONS.

25X1D



UZHUR ICBM COMPLEX

UR 5517N 08949E

THE WESTERN 20 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED-TO-HEAVY CLOUD COVER. NONE OF THE KNOWN LAUNCH SITES ARE OBSERVED. NO NEW MISSILE FACILITIES OBSERVED.

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KOZELSK ICBM COMPLEX

UR 5356N 03549E

THE EASTERN HALF OF THE SEARCH AREA AND COMPLEX IS COVERED ON ONE PASS OF PHOTOGRAPHY. THE AREA IS APPROXIMATELY 80 PERCENT CLOUD COVERED. THREE OF THE TYPE IIID SITES (SITES 11, 22, AND 23), 2 TYPE IIC SITES (SITES 3 AND 4), AND PORTIONS OF THE COMPLEX SUPPORT AREA AND RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED THROUGH HEAVY CLOUD COVER. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS.

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OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

THE NORTHEASTERN 20 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY OF POOR INTERPRETABILITY. THE SEARCH FOR NEW INSTALLATIONS IS HAMPERED BY HAZE AND SCATTERED CLOUD COVER. THE COMPLEX IS NOT OBSERVED. NO NEW MISSILE-RELATED ACTIVITY IS OBSERVED IN CLOUD-FREE AREAS.

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IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E

THE WESTERN 50 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED-TO-HEAVY CLOUD COVER. OF THE 22 KNOWN LAUNCH SITES, 7 SITES ARE COVERED ON FAIR PHOTOGRAPHY AND 10 SITES ARE COVERED ON POOR PHOTOGRAPHY. ONE SITE AND THE RAIL-TO-ROAD TRANSFER POINT ARE IDENTIFIED ONLY. THE COMPLEX SUPPORT FACILITY IS COVERED ON POOR PHOTOGRAPHY WITH SCATTERED CLOUD COVER.

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A NEWLY IDENTIFIED PROBABLE TYPE IIIC SITE, SITE 23, IS LOCATED 15 NM NW OF THE COMPLEX SUPPORT FACILITY AT 51-21N 066-06E. THE SITE CAN BE NEGATED ON MISSION [Redacted] AND IS FIRST SEEN 10 DAYS LATER ON THIS MISSION. IT IS IN AN EARLY STAGE OF CONSTRUCTION AND CONSISTS OF THE START OF A U-SHAPED EXCAVATION. NO SECURITY FENCE IS OBSERVED.

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TATISCHEVO ICBM COMPLEX

UR 5140N 04534E

THE SEARCH AREA IS COVERED ON ONE PASS OF PHOTOGRAPHY WHICH IS CLOUD COVERED EXCEPT FOR THE EXTREME 1 PERCENT OF THE WEST EDGE. NO NEW MISSILE FACILITIES ARE OBSERVED.

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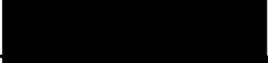
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KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E

THE ENTIRE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 50 PERCENT SCATTERED-TO-HEAVY CLOUD COVER. NO NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE PORTIONS.

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NAN-YANG SUSPECT MISSILE ACTIVITY CH 3248N 11214E

THE ENTIRE 25-NM SEARCH AREA IS OBSERVED THROUGH SCATTERED CLOUDS AND HAZE. NO MISSILE-ASSOCIATED CONSTRUCTION ACTIVITY IS IDENTIFIED.

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PAO-TOU SAM SEARCH AREA CH 4039N 10958E

FIVE PERCENT OF THE SEARCH AREA IN THE FAR WESTERN QUADRANT IS COVERED BY 80 PERCENT CLOUD-FREE PHOTOGRAPHY. NO SAM OR OTHER MISSILE-ASSOCIATED ACTIVITY OBSERVED.

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MOSKVA SUSPECT ABM AREA UR 5545N 03737E

ALL BUT THE EXTREME EASTERN AND WESTERN ENDS OF THE SEARCH AREA ARE COVERED ON PHOTOGRAPHY WITH SCATTERED-TO-HEAVY CLOUD COVER. NO NEW SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS, ELECTRONIC FACILITIES, OR NUCLEAR WEAPONS STORAGE WHICH MIGHT BE RELATED TO ABM DEPLOYMENT OBSERVED IN CLOUD-FREE AREAS.

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MOSKVA PROBABLE ABM LAUNCH COMPLEX E33 UR 5620N 03648E

TRIAD 1 AND BUILDING C AT TRIAD 2 ARE THE ONLY AREAS OF THE COMPLEX OBSERVED. NO SIGNIFICANT CHANGE OR PROGRESS IS DISCERNIBLE SINCE [REDACTED] NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED.

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MOSKVA PROBABLE ABM LAUNCH COMPLEX E24 UR 5521N 03629E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA PROBABLE ABM LAUNCH COMPLEX E15 UR 5509N 03822E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA SAM SITE C30-1 UR 5556N 03655E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA PROBABLE ABM LAUNCH COMPLEX E31 UR 5607N 03629E

THE BUILDINGS AT TRIAD 1 APPEAR TO BE ALMOST COMPLETE EXTERNALLY, ALTHOUGH BASES FOR THE ENVIRONMENTAL SHELTERS ARE NOT DISCERNIBLE ON THE ROOFS. CONSIDERABLE PROGRESS IS APPARENT ON THE BUILDINGS AT TRIAD 2 SINCE THE SUPERSTRUCTURES OF ALL 3 BUILDINGS HAVE BEEN CONSTRUCTED, BUT ARE STILL INCOMPLETE. CONSTRUCTION OF LAUNCH POSITIONS IS NOT DISCERNIBLE AT EITHER TRIAD. NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED.

25X1D

25X1D



25X1A

TOP SECRET



25X1A



TOP SECRET



25X1A

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25X1A

MOSKVA SAM SITE C28-1

UR 5549N 03652E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA PROBABLE ABM LAUNCH COMPLEX E21

UR 5504N 03701E

NO SIGNIFICANT PROGRESS IS DISCERNIBLE THROUGH HEAVY CLOUD SHADOW AT THE COMPLEX SINCE NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED.

25X1D



25X1D

KIMRY PROB LONG RANGE SAM LCH CPLX

UR 5646N 03720E

IDENTIFICATION ONLY.

25X1D



KALININ PROB LONG RANGE SAM LCH CPLX

UR 5637N 03552E

CLOUD SHADOWS AND TREE DENSITY PRECLUDE DETERMINATION OF CONSTRUCTION STATUS OF THE 3 LAUNCH SITES. RAILS/TRACKS OR RAIL/TRACK BEDS ARE NEWLY OBSERVED SINCE AT LAUNCH POSITIONS A-2, C-1, C-2, C-5, AND C-6 AND POSSIBLY AT POSITIONS A-3, B-2, AND B-6. THE CONTROL CENTER OF LAUNCH SITE C IS PROBABLY IN A MID-STAGE OF CONSTRUCTION.

25X1D

ONE RADAR POSITION AT THE ELECTRONIC SITE IS PROBABLY IN A LATE STAGE OF CONSTRUCTION. STATUS OF THE 2 OTHER POSITIONS IS UNDETERMINED. FOUR PROBABLE VANS ARE PARKED IN THE SITE CONTROL CENTER.

NO MISSILES ARE IDENTIFIED AT THE COMPLEX.

25X1D



25X1A



25X1A



TOP SECRET



25X1A

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25X1A

MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX UR 5538N 03548E



ONLY LAUNCH SITES B AND C ARE OBSERVED.
CIRCUMFERENTIAL SITE SERVICE ROADS HAVE BEEN
CONSTRUCTED AT SITES B AND C SINCE

25X1D

25X1D

THIS ROAD PATTERN IS SIMILAR TO THAT AT
PERESLAVL-ZALESSKIY, KALININ, AND PLESETSK PROBABLE
LONG RANGE SAM LAUNCH COMPLEXES. HOWEVER, THE LAUNCH
POSITIONS ARE DIFFERENT FROM THOSE AT THE OTHER SITES.
GRADING IS APPARENT WEST OF SITE A AND ADJACENT TO THE
PROBABLE SECURITY FENCE. NO MISSILES OR
MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



25X1A



**Air
Facilities**

25X1A



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25X1A

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25X1A

AIR FACILITIES

SPASSK-DALNIY AIRFIELD EAST

UR 4437N 13253E

OB -- 12 BADGER, 1 CAT/CUB, AND 31 SMALL SWEEP-WING.

RUNWAY REPAIRS NOW APPEAR COMPLETE. THE SW END OF THE TAXIWAY IS STILL UNDER CONSTRUCTION.

25X1D



MOZDOK AIRFIELD

UR 4347N 04435E

OB -- 16 HEAVY SWEEP-WING, 1 POSSIBLE MEDIUM SWEEP-WING, AND 11 POSSIBLE SMALL SWEEP-WING.

CONSTRUCTION STATUS OF THE POSSIBLE ASM FACILITY 1 NM ESE OF THE RUNWAY CENTER IS UNDETERMINED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KALININGRAD/PROVEREN AIRFIELD

UR 5446N 02025E

OB -- 25 BLINDER, 5 BADGER, AND 1 PROBABLE BADGER.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



RYAZAN/DYAGILEVO AIRFIELD

UR 5439N 03935E

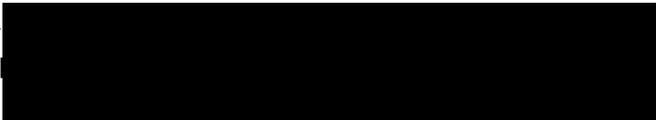
OB -- AT LEAST 5 HEAVY SWEEP-WING AND 1 MEDIUM SWEEP-WING.

CONSTRUCTION CONTINUES ON RUNWAY RESURFACING AND RUNWAY EXTENSION. NO NUCLEAR OR MISSILE STORAGE AREAS OBSERVED.

25X1D



25X1A



25X1A



TOP SECRET



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25X1A

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25X1A

ROMANOVKA AIRFIELD WEST

UR 4314N 13219E

OB -- AT LEAST 12 BADGER AND 1 LIGHT STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LIU-CHOU AIRFIELD

CH 2417N 10923E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NAN-NING AIRFIELD

CH 2249N 10820E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



WU-KUNG AIRFIELD

CH 3417N 10815E

OB -- 2 BADGER, 11 BULL, 5 BEAGLE, 1 COOT, AND AT LEAST 33 SMALL SWEEP/DELTA-WING.

NO RADAR OBSERVED.

25X1D



HSI-AN AIRCRAFT ASSEMBLY & REPAIR PLANT

CH 3417N 10815E

25X1A

SEE COMOR [REDACTED] FOR OB.

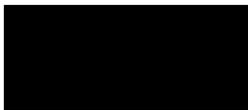
NO EVIDENCE OF PRODUCTION STATUS OR TYPE OF PRODUCTION OBSERVED. NO RADAR OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1A



25X1A



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25X1A

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25X1D



25X1A

HO-TIEN AIRFIELD

CH 3702N 07952E

OB -- 3 POSSIBLE SMALL AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NAN-NING AIRFIELD SOUTH

CH 2236N 10810E

OB -- 1 PROBABLE COOT AND AT LEAST 20 SMALL SWEEP/DELTA-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHAN-TOU AIRFIELD NORTHEAST

CH 2325N 11645E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LAN-CHO-WAN-TZU AIRFIELD

CH 4357N 08705E

OB -- NONE OBSERVED.

THE RUNWAY IS COMPLETE. TAXIWAYS AND APRONS ARE UNDER CONSTRUCTION. NO SUPPORT FACILITIES ARE PRESENT.

25X1D



HA-MI AIRFIELD 2

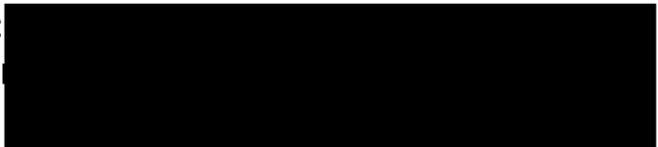
CH 4251N 09338E

OB -- NONE OBSERVED.

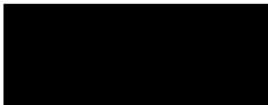
CONSTRUCTION CONTINUES ON THE SUPPORT FACILITIES.

25X1A

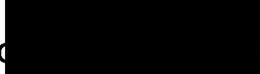
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25X1A



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25X1A

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25X1D



25X1A

CHIU-HO-SHIH AIRFIELD

CH 4210N 08712E



OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

2

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TOP SECRET



**Nuclear
Energy**

25X2

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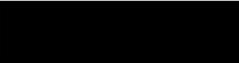
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**Naval
Activity /
Ports**

25X1A



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25X1A

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25X1A

NAVAL ACTIVITY/PORTS

SHAN-TOU NAVAL BASE

CH 2321N 11640E

OB -- 2 POSSIBLE MEDIUM COMBATANTS AND 8 PROBABLE SMALL COMBATANTS AT WHARFS, AT LEAST 4 PROBABLE COMBATANTS IN HARBOR, AND 1 POSSIBLE SHANGHAI-CLASS PTF ON MARINE RAILWAY AND 2 POSSIBLE SMALL COMBATANTS AT PIER AT BOATYARD.

NO EVIDENCE OF STOCKPILING OR BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PEI-HAI NAVAL BASE

CH 2129N 10904E

OB -- 1 POSSIBLE PATROL VESSEL AT THE L-HEAD PIER AND NUMEROUS SMALL CRAFT IN HARBOR.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHAN-TOU MOTOR TORPEDO BOAT BASE

CH 2312N 11637E

OB -- 6 PROBABLE SMALL COMBATANTS ON WAYS AND AT LEAST 3 UNIDENTIFIED VESSELS IN WATER.

NO EVIDENCE OF INCREASED ACTIVITY OR STOCKPILING OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PAI-LUNG PORT FACILITIES

CH 2131N 10813E

OB -- 2 POSSIBLE PATROL CRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1A



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25X1D



25X1A

CAM PHA PORT FACILITIES

VN 2102N 10722E



OB -- NONE OBSERVED.
OTHER VESSELS -- 2 POSSIBLE DRY CARGO VESSELS AT COAL
LOADING WHARF.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

27

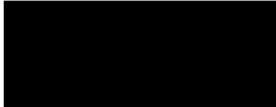


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**Military
Activity**

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25X1A

MILITARY ACTIVITY

CHANG-CHI BARRACKS AND STORAGE DEPOT SOUTH CH 2343N 11652E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



CHAO-AN BARRACKS AND STORAGE AREA CH 2342N 11636E

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

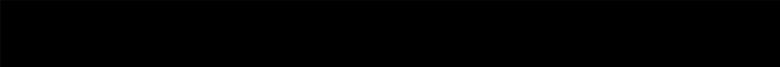


KUEI-HSIEN ARMY BARRACKS CH 2307N 10938E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



HUNG-YANG ARMY BARRACKS SOUTHWEST CH 2325N 11610E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

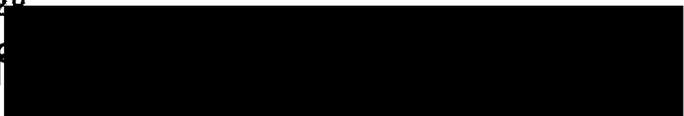


SHAN-TOU ARMY BARRACKS LIEN-TANG CH 2327N 11635E

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

25X1A



25X1A



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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

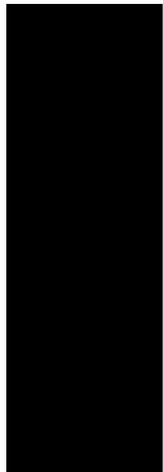
25X1D



25X1A

FANG-CHENG ARMY BARRACKS

CH 2146N 10821E



NO INDICATION OF TROOP, POL, OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



HAI-FENG AAA TRAINING AREA

CH 2305N 11525E

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

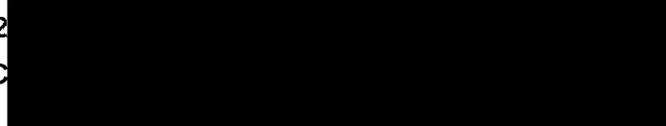
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



25X1A

TOP SECRET



Complexes

25X1A



TOP SECRET



25X1A

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25X1A

COMPLEXES

NAN-NING COMPLEX

CH 2249N 10819E

SCALE AND POOR INTERPRETABILITY OF PHOTOGRAPHY PRECLUDE DETERMINATION OF TROOP BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MONG CAI COMPLEX

VN 2132N 10759E

IDENTIFICATION ONLY.

25X1D



LIU-CHOU COMPLEX

CH 2418N 10924E

IDENTIFICATION ONLY.

25X1D



SHAN-TOU COMPLEX

CH 2322N 11640E

NO SIGNIFICANT INDUSTRIAL OR RAIL ACTIVITY, EVIDENCES OF ABANDONMENT, UNUSUAL SECURITY PRECAUTIONS, OR DEFENSES OBSERVED.

25X1D



TIEN YEN COMPLEX

VN 2119N 10724E

IDENTIFICATION ONLY.

25X1D



HSI-CHING HYDRO POWERPLANT

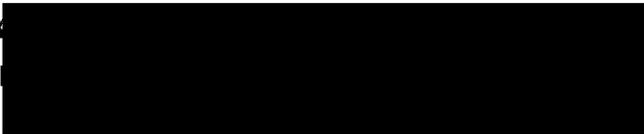
CH 2238N 10914E

IDENTIFICATION ONLY.

25X1D



25X1A



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25X1A



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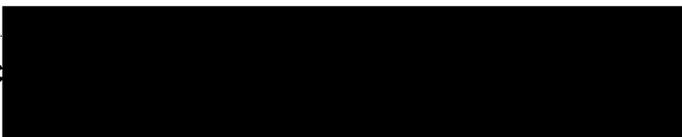
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PEI-HAI NAVAL BASE	CH 2129N 10904E 1
SHAN-TOU MOTOR TORPEDO BOAT BASE	CH 2312N 11637E 1
PAI-LUNG PORT FACILITIES	CH 2131N 10813E 1
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CHANG-CHI BARRACKS AND STORAGE DEPOT SOUTH	CH 2343N 11652E 1
CHAO-AN BARRACKS AND STORAGE AREA	CH 2342N 11636E 1
KUEI-HSIEN ARMY BARRACKS	CH 2307N 10938E 1
HUNG-YANG ARMY BARRACKS SOUTHWEST	CH 2325N 11610E 1
SHAN-TOU ARMY BARRACKS LIEN-TANG	CH 2327N 11635E 1
FANG-CHENG ARMY BARRACKS	CH 2146N 10821E 1
HAI-FENG AAA TRAINING AREA	CH 2305N 11525E 1
NAN-NING COMPLEX	CH 2249N 10819E 1
MONG CAI COMPLEX	VN 2132N 10759E 1
LIU-CHOU COMPLEX	CH 2418N 10924E 1
SHAN-TOU COMPLEX	CH 2322N 11640E 1
TIEN YEN COMPLEX	VN 2119N 10724E 1
HSI-CHING HYDRO POWERPLANT	CH 2238N 10914E 1

25X1A



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Attachments

25X2

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